

L35 ANSWER 136 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:394179 HCAPLUS Full-text
 DOCUMENT NUMBER: 125:56388
 TITLE: Tolypocladium sp. MS 3029, deposited as CCM 8185, for
 producing cyclosporins under conditions of stationary
 fermentation
 INVENTOR(S): Satke, Josef; Matha, Vladimir; Masopustova, Iva;
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 PATENT ASSIGNEE(S): Galena, Czech Rep.
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 CODEN: CZXXED
 DOCUMENT TYPE: Patent
 LANGUAGE: Czech
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| CZ 280552 | B6 | 19960214 | CZ 1994-1119 | 19940505 |
| PRIORITY APPLN. INFO.: | | | CZ 1994-1119 | 19940505 |

AB Tolypocladium strain MS 3029, deposited as CCM 8185, is claimed for the production of cyclosporins, especially of cyclosporin A, under conditions of stationary fermentation. The inoculation suspension containing 105-106 inoculation particles/mL is inoculated into a sterilized inoculation medium and cultivated for 72 h at 24° in a rotating shaker. The inoculum is inoculated into a pH 5.8 sterilized production medium comprising fructose 40, sorbitol 40, casein enzyme hydrolyzate 40, and NH₄H₂PO₄ 2 g/L and stationary fermented for 10 days at 24°. The fermentation liquid is separated from the mycelium, the latter is disintegrated into particles <10 mm in diameter, and ultrasonically extracted into MeOH for 10 min. The process yields 2.025 mg cyclosporins/mL production medium, comprising cyclosporin A 75.1%, cyclosporin B 6.8%, cyclosporin C 17.7%, and trace amts. of cyclosporins D, F, and G.

IT 59787-61-0P, Cyclosporin C 63775-95-1P, Cyclosporin B
 RL: BMF (Bioindustrial manufacture); BPR (Biological process); BSU
 (Biological study, unclassified); BIOL (Biological study); PREP
(Preparation); PROC (Process)

(Tolypocladium sp. for producing cyclosporins under conditions of stationary fermentation)

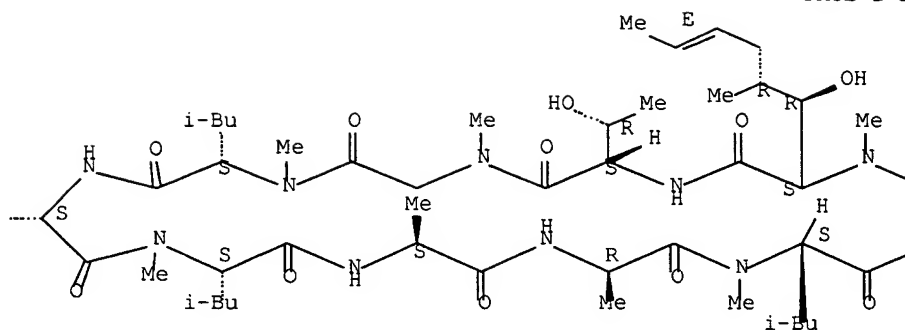
RN 59787-61-0 HCAPLUS
 CN Cyclosporin C (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

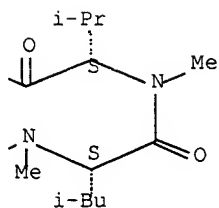
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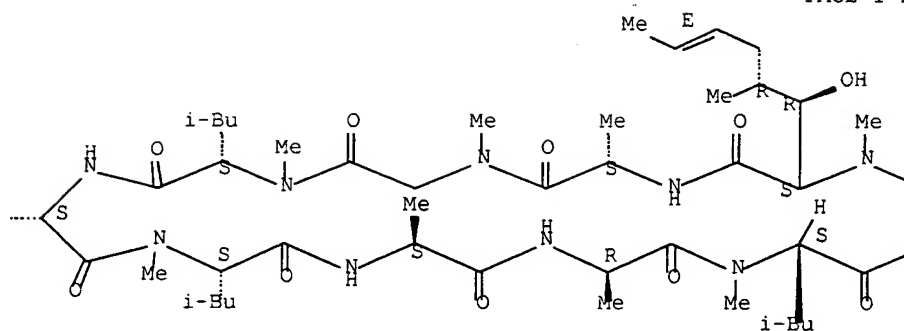
RN 63775-95-1 HCAPLUS
CN Cyclosporin B (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

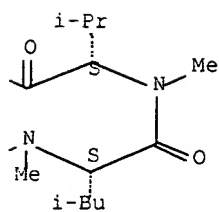
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